



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Pinnacle Hemp
2231 Missouri Ave
Carthage, MO 64836

Batch # 14
Batch Date: 2021-04-19
Extracted From: CBD

Test Reg State: Oregon

Production Facility: pinnacle
Production Date: 2021-04-19

Order # PIN210419-190014
Order Date: 2021-04-19
Sample # AABF774

Sampling Date: 2021-04-26
Lab Batch Date: 2021-04-26
Completion Date: 2021-05-05

Initial Gross Weight: 21.486 g
Volume: 1 ml

Number of Units: 3
Net Weight per Unit: 958.611 mg



Potency
Tested

Terpenes
Tested

Product Image

Delta 8/Delta 10 Potency

12

Specimen Weight: 57.300 mg

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	0.000026	0.001	789.000	78.900
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	100.000	0.000013	0.001	<LOQ	<LOQ
CBC	100.000	0.000018	0.001	<LOQ	<LOQ
CBD	100.000	0.000054	0.001	<LOQ	<LOQ
THCV	100.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	100.000	0.000032	0.001	<LOQ	<LOQ
CBN	100.000	0.000014	0.001	<LOQ	<LOQ
CBGA	100.000	0.000008	0.001	<LOQ	<LOQ
CBG	100.000	0.000248	0.001	<LOQ	<LOQ
CBDV	100.000	0.000065	0.001	<LOQ	<LOQ
CBDA	100.000	0.000001	0.001	<LOQ	<LOQ

Tested
(LCUV)

Potency Summary

Total Delta 8 78.900% 756.344mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 78.900% 756.344mg

Terpenes Summary

Analyte	Result (mg/ml) (%)
trans-Caryophyllene	10.065 1.007%
beta-Myrcene	6.743 0.674%
trans-Nerolidol	5.156 0.516%
(R)-(+)-Limonene	4.895 0.49%
alpha-Bisabolol	3.954 0.395%
alpha-Humulene	2.965 0.296%
Linalool	2.517 0.252%
Terpineol	2.389 0.239%
Fenchyl Alcohol	1.042 0.104%

Total Terpenes: 3.973%

Detailed Terpenes Analysis is on the following page

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

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Pinnacle Hemp 2231 Missouri Ave Carthage, MO 64836	Batch # 14 Batch Date: 2021-04-19 Extracted From: CBD	Test Reg State: Oregon	Production Facility: pinnacle Production Date: 2021-04-19
Order # PIN210419-190014 Order Date: 2021-04-19 Sample # AABF774	Sampling Date: 2021-04-26 Lab Batch Date: 2021-04-26 Completion Date: 2021-05-05	Initial Gross Weight: 21.486 g Volume: 1 ml	Number of Units: 3 Net Weight per Unit: 958.611 mg



Terpenes - FL

Specimen Weight: 197.360 mg

Tested
(GC/GCMS)

Pieces For Panel: 1 Dilution Factor: 1000.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	10.065	1.007	beta-Myrcene	0.02	6.743	0.674
trans-Nerolidol	0.02	5.156	0.516	(R)-(+)-Limonene	0.02	4.895	0.490
alpha-Bisabolol	0.02	3.954	0.395	alpha-Humulene	0.02	2.965	0.296
Linalool	0.02	2.517	0.252	Terpineol	0.02	2.389	0.239
Fenchyl Alcohol	0.02	1.042	0.104	Sabinene Hydrate	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Geranyl acetate	0.02	<LOQ	<LOQ
Pulegone	0.02	<LOQ	<LOQ	Ocimene	0.014	<LOQ	<LOQ
Nerol	0.02	<LOQ	<LOQ	Terpinolene	0.02	<LOQ	<LOQ
Isopulegol	0.02	<LOQ	<LOQ	Isoborneol	0.02	<LOQ	<LOQ
Hexahydrothymol	0.02	<LOQ	<LOQ	Guaiol	0.02	<LOQ	<LOQ
(+)-Cedrol	0.02	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ
Geraniol	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Cedrene	0.02	<LOQ	<LOQ	alpha-Phellandrene	0.02	<LOQ	<LOQ
alpha-Pinene	0.02	<LOQ	<LOQ	alpha-Terpinene	0.02	<LOQ	<LOQ
beta-Pinene	0.02	<LOQ	<LOQ	Gamma-Terpinene	0.02	<LOQ	<LOQ
Borneol	0.04	<LOQ	<LOQ	Camphene	0.02	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	Caryophyllene oxide	0.02	<LOQ	<LOQ
cis-Nerolidol	0.02	<LOQ	<LOQ	Eucalyptol	0.02	<LOQ	<LOQ
Farnesene	0.02	<LOQ	<LOQ	Valencene	0.02	<LOQ	<LOQ

Total Terpenes: 3.973%

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